

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	37422	(ML or (maximum\$6 adj likelihood) or maximum\$likelihood) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 17:32
L3	8061	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) same (variance or possion or photon\$count\$5 or (photon near2 (count\$5 or detect\$7 or measur\$7)) or error or (standard near2 deviation) or weight\$5 or intrinsic \$5 or (line near2 integr\$6) or line \$integr\$7 or vector or magnitud\$5 or matrix or matrices or sqrt or square\$root or (square near2 root) or attenuat\$5 or noise or log \$likelihood or log or logarith\$7 or (inner near2 product) or matrix or matrice or vector or convex or concave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 17:44

L4	7478	3 and (poisson or (standard near2 deviation) or photon \$count or (photon near2 (count\$5 or detect\$6)) or (((intrinsic or statistic \$5) near3 (error or noise or artifact)) or statis\$5 or weight\$5 or intrinsic\$5 or (line near2 integr\$6) or line\$integr\$7 or vector or magnitud\$5 or matrix or matrices or sqrt or square \$root or (square near2 root) or attenuat\$5) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:26
L5	4949	4 and (poisson or log \$likelihood or log or logarith\$7 or variance or (standard near2 deviat\$5) or error)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:27
L6	3518	5 and ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or (photon near2 (expect\$5 or estimat\$5 or count\$5 or measur\$7)) or likelihood)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:29
L7	3510	6 and ( poisson or (inner near2 product) or (photon near2 (expect\$5 or estimat \$5 or count\$5 or measur\$7)) or likelihood)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:30
L8	3460	7 and (weight\$5 or statistic\$5 or subtract \$5 or eliminat\$5 or reduc\$8 or convex or concave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:31
L9	339	8 and (("378"/\$).ccls. or ("600"/\$).ccls. or ("382"/\$).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:32

L10	238	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) with (variance ((attenuat \$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or (photon near2 (expect\$5 or estimat\$5 or count\$5 or measur\$7)) ) or convex or concave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:35
L11	44	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:35
L12	814	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) with (variance or ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or log or log\$likelihood or logarith\$7 or (photon near2 (expect\$5 or estimat\$5 or count\$5 or measur\$7)) ) or convex or concave or length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 18:39
L13	62	9 and (10 or 12)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 19:02

L14	861	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) with (variance or ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or log or log\$likelihood or logarith\$7 or poton \$count\$5 or (statistic \$5 near3 (noise or artifact or error or weight\$5)) or (photon near2 (expect\$5 or estimat \$5 or count\$5 or measur\$7)) ) or convex or concave or length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 19:57
L15	12	14 and ("378"/\$). ocls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 19:57
L16	406	8 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 19:59
L17	14	16 and (((helical\$5 or spiral\$4 or helix) near3 (scan\$5 or path or trajectory or orbit or track)) or helical\$scan\$5 or spiral\$scan\$5 or ((fan or fan\$shap\$5 or cone or conical or cone\$shap\$5) near2 beam) or fan\$beam or cone\$beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:01

L18	20	((helical\$5 or spiral\$4 or helix) near3 (scan\$5 or path or trajectory or orbit or track)) or helical\$scan\$5 or spiral\$scan\$5 or ((fan or fan\$shap\$5 or cone or conical or cone\$shap\$5) near2 beam) or fan\$beam or cone\$beam)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:01
L19	2346	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5 or iterativ\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) with (variance or ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or log or log\$likelihood or logarith\$7 or poton\$count\$5 or (statistic\$5 near3 (noise or artifact or error or weight\$5)) or (photon near2 (expect\$5 or estimat\$5 or count\$5 or measur\$7)) ) or convex or concave or length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:04
L20	46	19 and ("378"/\$). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:04
L22	1	10/598663	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:18
L23	1	22 and (statistical near2 weight\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:20

L24	16	("378"/\$.ccls. and (statistical near2 weight\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:20
L25	189	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5 or iterativ\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) and (statistical near2 weight\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:22
L26	25	( (statistical near2 weight\$5) with (reconstruct\$5 or (back adj project\$5) or back\$project\$5 or imaging or image)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:24
L27	26	( (statistical near2 weigh\$6) with (reconstruct\$5 or (back adj project\$5) or back\$project\$5 or imaging or image)). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:25
L28	27	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5 or iterativ\$5) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6 or techniq\$5)) and (statistical near2 weigh\$7) and ("382"/\$.ccls. or ("378"/\$.ccls. or ("600"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:25
L29	16	19 and (statistical near2 weigh\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:28

L30	685	lieu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:30
L31	0	19 and 30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:30
L32	5	(lieu or hasegawa or bron or lang).in. and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:30
L33	12	(lieu or hasegawa or brown or lang).in. and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 20:31
L34	4	(gleason or lange or fessler).in. and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 21:04
L35	2537	((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5 or iterativ\$5 or (maximum near2 posteriori) or maximum\$3posteriori \$) near5 (algorithm or method or equation or process or iterat\$8 or statist \$7 or reconstruct\$6 or techniq\$5)) with (variance or ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or log or log\$likelihood or logarith\$7 or poton \$count\$5 or (statistic \$5 near3 (noise or artifact or error or weight\$5)) or (photon near2 (expect\$5 or estimat \$5 or count\$5 or measur\$7)) ) or convex or concave or length)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 21:12
L36	79	35 and (("378"/\$). ccls. or (statistical near2 weight\$5) or (382/131,132).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 21:13

L38	2537	35 and (((ML or (maximum\$6 adj likelihood) or maximum\$likelihood or ML\$bas\$5 or iterativ\$5 or (maximum near2 posteriori) or maximum\$3posteriori \$) ) or (variance or ((attenuat\$5 near3 (coeffic\$7 or vector or matrix or matrice)) or poisson or (inner near2 product) or log or log\$likelihood or logarith\$7 or poton \$count\$5 or (statistic \$5 near3 (noise or artifact or error or weight\$5)) or (photon near2 (expect\$5 or estimat \$5 or count\$5 or measur\$7)) ) or convex or concave or length))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 21:20
L39	211	38 and (("378"/\$). ccls. or (statistical near2 weight\$5) or ("382"/\$).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 21:20
S1	113	((intrinsic or statistic \$5) near2 error) same (photon\$count or (photon near2 (count\$5 or detect \$6)) or (detect\$6 near3 (sensitiv\$5 or energ\$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:17
S2	1	10/598663	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:18
S3	13	S1 and ("378"/\$). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:18
S4	15	S1 and (("378"/\$). ccls. or ("600"/\$). ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:18



S5	26038	(((intrinsic or statistic \$5) near2 error) or statis\$5 or weight\$5 or intrinsic\$5 or (line near2 integr\$6) or line\$integr\$7 or vector or magnitud\$5 or matrix or matrices or attenuat\$5) same (photon\$count or (photon near2 (count \$5 or detect\$6)) or (detect\$6 near3 (sensitiv\$5 or energ \$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:21
S6	26406	(((intrinsic or statistic \$5) near2 error) or statis\$5 or weight\$5 or intrinsic\$5 or (line near2 integr\$6) or line\$integr\$7 or vector or magnitud\$5 or matrix or matrices or sqrt or square \$root or (square near2 root) or attenuat\$5) same (photon\$count or (photon near2 (count \$5 or detect\$6)) or (detect\$6 near3 (sensitiv\$5 or energ \$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:21
S7	26038	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:22

S8	4508	S7 and ((statistic\$5 near3 (error or weight\$5)) or (artifact near4 (reduc\$8 or minimize or minimization or correct\$5 or compensat\$5 or motion or intrinsic or lower or remov\$7 or eliminat\$5)) or iterat\$8 or recurs\$7 or (ordered near2 subset) or ordered \$subset\$expectation \$max\$9 or ordered \$subset or beam \$hard\$8 or harden\$5 or (beam adj hard\$8) or maximum \$likelihood or em\$m1 or expectation\$max\$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:27
S9	3417	S8 and (statistic\$7 or iterat\$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:27
S10	667	S9 and (("378"/\$). ccls. or ("600"/\$). ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:27
S11	667	S10 and (photon \$count or (photon near2 (count\$5 or detect\$6)) or (detect\$6 near3 (sensitiv\$5 or energ\$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:28
S12	74	S11 and ((intrinsic or statistic\$5) near2 (error or weight\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:29
S13	97	S11 and ((intrinsic or statistic\$5) near3 (error or weight\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:29

S14	26409	((intrinsic or statistic\$5) near3 (error or noise or artifact)) or statis\$5 or weight\$5 or intrinsic\$5 or (line near2 integr\$6) or line\$integr\$7 or vector or magnitud\$5 or matrix or matrices or sqrt or square \$root or (square near2 root) or attenuat\$5) same (photon\$count or (photon near2 (count \$5 or detect\$6)) or (detect\$6 near3 (sensitiv\$5 or energ \$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:35
S15	4934	S14 and ((statistic\$5 near4 (error or weight \$5 or noise or artifact)) or (artifact near4 (reduc\$8 or minimize or minimization or correct\$5 or compensat\$5 or motion or intrinsic or lower or remov\$7 or eliminat\$5)) or iterat \$8 or recurs\$7 or (ordered near2 subset) or ordered \$subset\$expectation \$max\$9 or ordered \$subset or beam \$hard\$8 or harden\$5 or (beam adj hard\$8) or maximum \$likelihood or em\$m1 or expectation\$max \$9)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:36
S16	3834	S15 and (statistic\$7 or iterat\$8 or sirt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:36

S17	725	S16 and (("378"/\$). ccls. or ("600"/\$). ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:37
S18	725	S17 and (photon \$count or (photon near2 (count\$5 or detect\$6)) or (detect \$6 near3 (sensitiv\$5 or energ\$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:37
S19	191	S18 and (((intrinsic or statistic\$5) near3 (error or weight\$5 or noise or artifact))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:37
S20	34908	(ML or (maximum\$6 near3 likelihood) or maximum\$likelihood) near5 (algorithm or method or equation or process or iterat\$8 or statist\$7 or reconstruct\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:55
S21	5984	S20 and (poisson or (standard near2 deviation) or photon \$count or (energy near2 bin) or (photon near2 (count\$5 or detect\$6)) or (detect \$6 near3 (sensitiv\$5 or energ\$5 or bin or discriminat\$5 or photon or energy \$resolv\$6 or resolv\$5 or energy\$bin)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 15:58
S22	5596	S21 and (((intrinsic or statistic\$5) near3 (error or noise or artifact)) or statis\$5 or weight\$5 or intrinsic\$5 or (line near2 integr\$6) or line\$integr\$7 or vector or magnitud\$5 or matrix or matrices or sqrt or square \$root or (square near2 root) or attenuat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 16:00

S23	2313	S22 and (poisson or log\$likelihood or log or logarith\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 16:01
S24	1816	S23 and ((photon near3 (estimat\$5 or expect\$5 or detect\$5 or count\$5)) or (inner near2 product) or (attenuat\$5 near2 coeffi\$8) or matrix or matrice or vector or convex or concave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 16:03
S25	228	S24 and (("378"/\$). ccls. or ("600"/\$). ccls. or ("382"/\$). ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 16:04
S26	211	S25 and (poisson or variance or statist\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/12/29 16:05

12/ 29/ 2008 9:53:49 PM

C:\ Documents and Settings\ ataningco\ My Documents\ EAST\ Workspaces\ sqrt.wsp